

## CLAIMS

What we claim is:

- 5    1.        A method of matching an offer semantic object and a request semantic  
         object, the method comprising:  
             creating an offer semantic object and a request semantic object by  
             completing semantic object templates; and  
             storing specific data of a request in the request semantic object and specific  
10    data of an offer in the offer semantic object;  
             wherein each semantic object is routed in a network and contains policies  
             that determine how each semantic object should be matched.